



# MEMO

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## **INFORMATIONAL RELEASE NUMBER S2-08**

TO: Local Public Health Agencies and other local Onsite Sewage Agencies  
Environmental Public Health Specialist V's

FROM: Daryel Brock, Chief  
Bureau of Environmental Regulation and Licensure

SUBJECT: Experimental Protocol for EZflow 1202H-GEO and 1203H-GEO

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The Department of Health and Senior Services, Onsite Sewage Program has reviewed and accepted an innovative/experimental system protocol for soil absorption systems using two configurations of EZflow products. A copy of the protocol is available from the Onsite Sewage Program. Both configurations use 12-inch diameter cylinders, which contain expanded polystyrene aggregate, a geo-textile fabric along the top of the product, and one cylinder in each trench contains a four-inch diameter perforated flexible plastic pipe. The 1202H-GEO and the 1203H-GEO systems use two and three cylinders respectively, placed horizontally on the trench bottom. Installation of up to 500 systems in each configuration, over a two-year period, is allowed under this protocol. Following are general guidelines for considering proposed systems using these products.

Where the EZflow products are to be used, the product must be specified in the design and permit application. Under the experimental protocol, the 1202H configuration with two cylinders for a product width of 24 inches would be sized at 3.0 square feet per foot of trench length, and the 1203H configuration with three cylinders for a product width of 36 inches would be sized at 3.5 square feet per foot of trench length. The first 20 systems of either configuration could be installed with a minimum distance of four feet between sidewalls of adjacent trenches. Except for the size and lateral spacing allowed under this protocol, system designs must comply with accepted design practices and with state and local standards including minimum vertical

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separation, layout, and distribution requirements. A registered installer must install EZflow product systems in compliance with state and local requirements. In addition, the installer must follow the manufacturer's recommended installation procedures.

Under the innovative/experimental protocol, Ring Industrial Group, the manufacturer of the product, will warrant system performance for a period of five years and will provide a copy of the warranty to the local administrative authority. At least 10 of the first 20 systems of each configuration will be evaluated after a period of 24 months. In addition, evidence of any system malfunction and any potential warranty issues related to systems installed under this protocol must be reported to the Onsite Sewage Program.

DHSS does not endorse any brand or specific product model. However, systems using the EZflow 1202H-GEO or 1203H-GEO configurations may be approved by local administrative authorities as part of an onsite wastewater treatment system when the proposed system design as a whole meets the requirements of this protocol, the state minimum standards, or local standards, which can be more stringent. Approval may be discontinued at any time, if warranted by subsequent field experience with installed systems.